

Abstract of the Disclosure

An object of the present invention is to provide a vehicle steering apparatus that detects the tire load, and based on the detected tire load, performs steering control which accurately reflects the road conditions. A vehicle steering apparatus of the present invention includes a control unit 14, which controls a steering actuator in accordance with the operation of a steering wheel 1. An operation reaction force generated by a reaction force actuator 9 is applied to the steering wheel. Within the tire W, stress sensors SL and SR and an air pressure sensor SP are provided. The control unit 14 controls the steering actuator 2 and the reaction force actuator 9 with referring to the tire load detected by these sensors.